

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

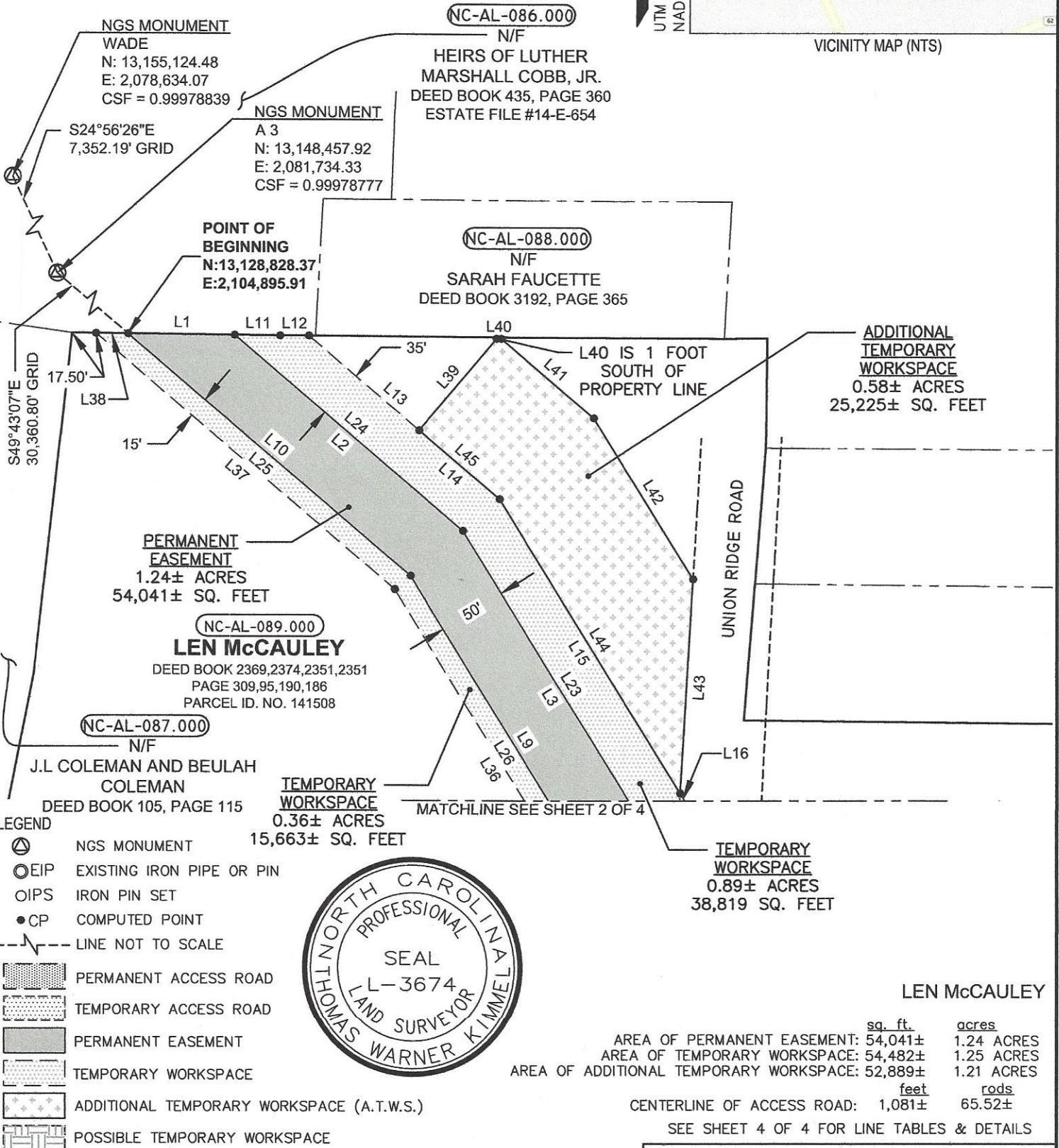
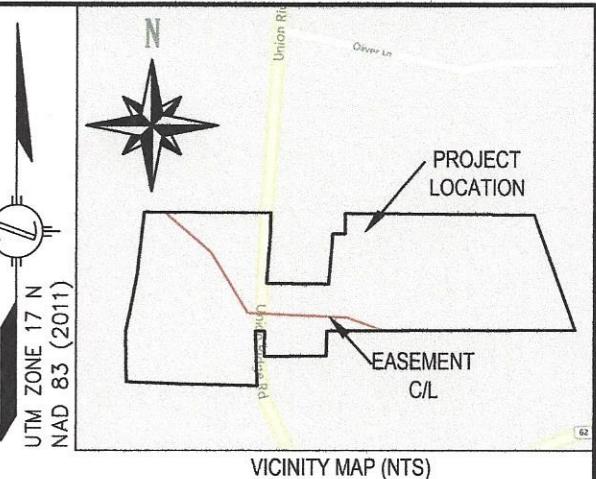
## **Exhibit 21 to Complaint**

Map of MVP Parcel No. NC-AL-089.000

## EXHIBIT A

### NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186.
5. PARCEL ID: 141508
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.



I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 2369,2374,2351,2351 page 309,95,190,186) that the ratio of precision as calculated is 1:10,000+; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of C.S. 47-30 section (f)(11)(c).

This 2nd day of May, 2020.

  
L-3674

THOMAS WARNER KIMMEL, PLS

TRC ENGINEERS, INC  
2200 LIBERTY AVENUE,  
SUITE 100

PITTSBURGH, PA 15222

PH: (724) 749-8572 tkimmel@trcsolutions.com

NC CORPORATE LICENSE No. F-0591

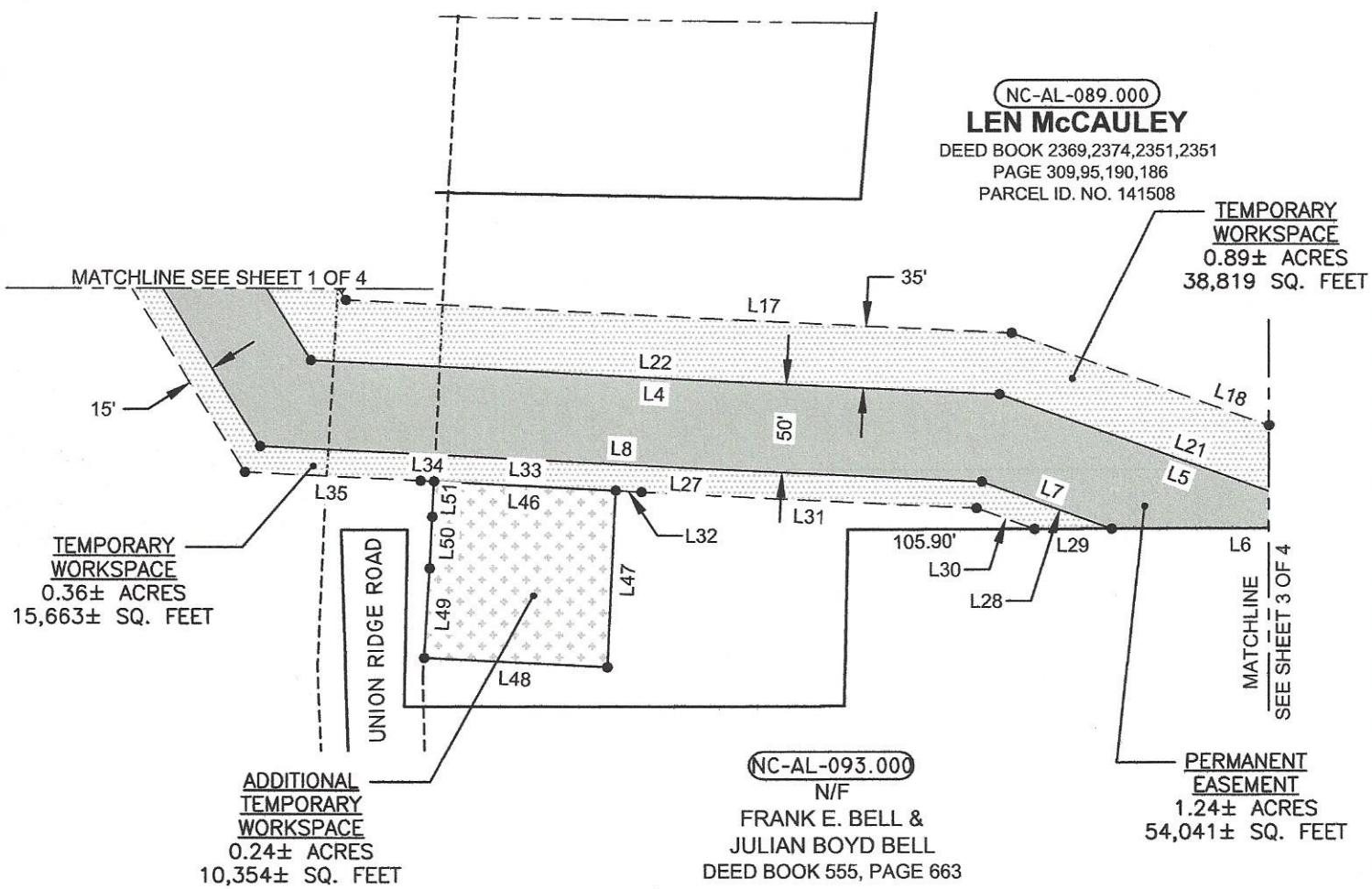
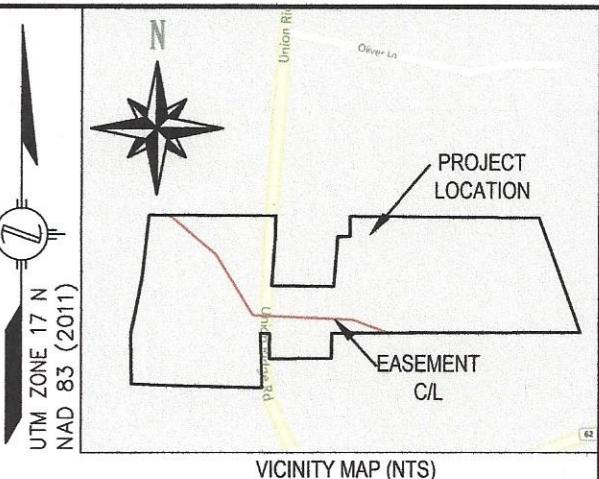
LAND OWNER INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF FAUCETTE ALAMANCE COUNTY, NORTH CAROLINA					
PIPELINE EASEMENT IN PROPERTY OF LEN McCauley					
NC-AL-089.000 DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186					
NC-AL-089.000					
Drawn By:	Chkd By:	Appd By:	TRC Proj. No.:	Scale:	1"100'
AHP			300423		
Drawn Date:	Chkd Date:	Appd Date:	TRC Proj. No.:		
2/11/19			300423		
DD	DD	DD	Sheet:	1 OF 4	
100	50	0		100	
GRAPHIC SCALE IN FEET					
REVISIONS					
3	3/13/2019	DJB	UPDATED OWNER INFO	DD	
4	4/15/2020	DKD	UPDATED ROUTE	TWK	
5	5/2/2020	DKD	UPDATED OWNER INFO	TWK	
No.	Date	Rev By	Description	Checked	

EXHIBIT A

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10. TEMPORARY EASEMENT TO BE ACQUIRED.



SEE SHEET 4 OF 4 FOR LINE TABLES & DETAILS

## LEGEND

LEGEND	
△	NGS MONUMENT
○ EIP	EXISTING IRON PIPE OR PIN
OIPS	IRON PIN SET
● CP	COMPUTED POINT
	LINE NOT TO SCALE
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PERMANENT EASEMENT
	TEMPORARY WORKSPACE
	ADDITIONAL TEMPORARY WO
	POSSIBLE TEMPORARY WORK



LAND  
OWNER  
INITIALS: \_\_\_\_\_

SEE SHEET 4 OF 4 FOR LINE TABLES & DETAILS

**EASEMENT SURVEY**  
**FOR MVP SOUTHGATE**  
**TOWNSHIP OF FAUCETTE**  
**ALAMANCE COUNTY, NORTH CAROLINA**

 **Mountain Valley**  
PIPELINE LLC

**PIPELINE EASEMENT IN PROPERTY OF**  
**LEN McCUALEY**

NC-AL-089.000  
DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186

NC-AL-089.000

Drawn By:	Chk'd By:	Appd By:	IRC Proj. No.:	Scale:
AHP			300423	1"=100'
Drawn Date:			Sheet:	MVP Proj. No.
2/11/19		DD	2 OF 4	
100	50	0	100	

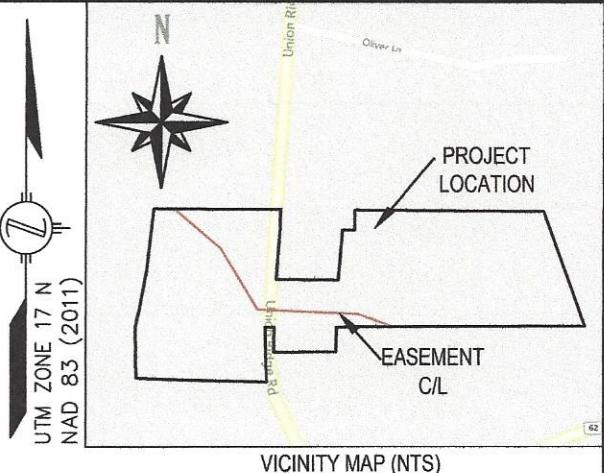
**GRAPHIC SCALE IN FEET**  
**REVISIONS**

3	3/13/2019	DJB	UPDATED OWNER INFO	DD
4	4/15/2020	DKD	UPDATED ROUTE	TWK
5	5/2/2020	DKD	UPDATED OWNER INFO	TWK
6			Description	Checklist

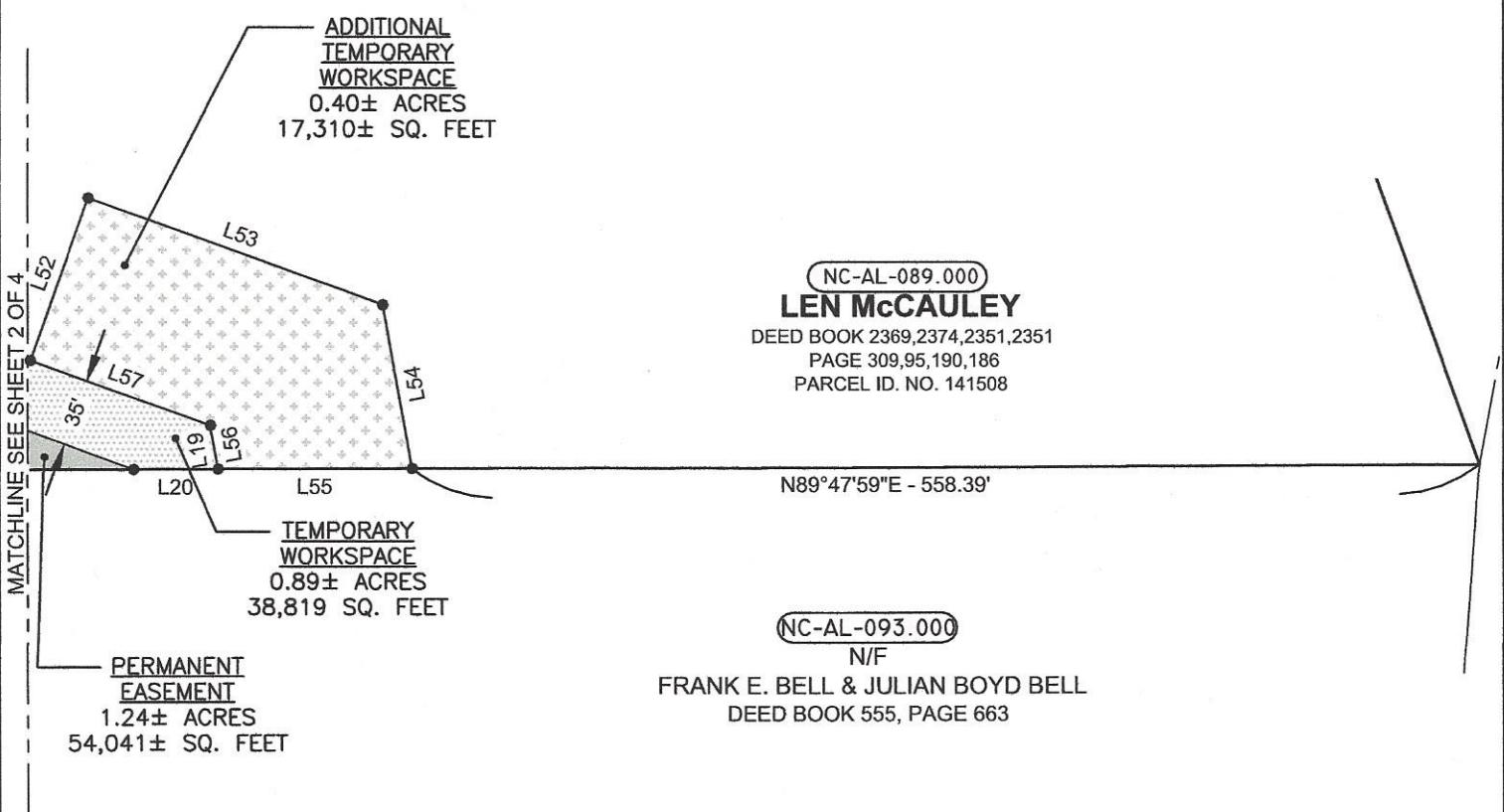
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10. TEMPORARY EASEMENT TO BE ACQUIRED.



VICINITY MAP (NTS)



### LEGEND

- Ⓐ NGS MONUMENT
- EIP EXISTING IRON PIPE OR PIN
- IPS IRON PIN SET
- CP COMPUTED POINT
- LINE NOT TO SCALE
- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
- POSSIBLE TEMPORARY WORKSPACE



SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.

LAND  
OWNER  
INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEE SHEET 4 OF 4 FOR LINE TABLES & DETAILS

EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF FAUCETTE ALAMANCE COUNTY, NORTH CAROLINA				
 Mountain Valley PIPELINE LLC				
PIPELINE EASEMENT IN PROPERTY OF <b>LEN McCauley</b>				
NC-AL-089.000 DEED BOOK 2369,2374,2351,2351 PAGE 309,95,190,186				
NC-AL-089.000				
Drawn By:	Chk'd By:	Appd By:	IRPC Proj. No.:	Scale:
AHP			300423	1"=100'
Drawn Date:	DD	TWK	Sheet:	MVP Proj. No.
2/11/19			3 OF 4	
100 50 0 100				
GRAPHIC SCALE IN FEET				
REVISIONS				
3	3/13/2019	DJB	UPDATED OWNER INFO	DD
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5	5/2/2020	DKD	UPDATED OWNER INFO	TWK
No.	Date	Rev By	Description	Checked

EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S89°25'09"E	78.19'
L2	S49°39'58"E	219.90'
L3	S31°41'28"E	273.89'
L4	S87°19'36"E	391.45'
L5	S70°12'29"E	223.28'
L6	S89°47'59"W	146.24'
L7	N70°12'29"W	78.33'
L8	N87°19'36"W	410.30'
L9	N31°41'28"W	292.37'
L10	N49°39'58"W	272.10'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L11	S89°25'09"E	33.32'
L12	S89°49'19"E	21.23'
L13	S49°39'58"E	106.00'
L14	S49°39'58"E	77.59'
L15	S31°41'28"E	252.42'
L16	S31°41'30"E	8.54'
L17	S87°19'36"E	378.25'
L18	S70°12'29"E	258.49'
L19	S10°14'59"E	23.01'
L20	S89°47'59"W	44.11'
L21	N70°12'29"W	223.28'
L22	N87°19'36"W	391.45'
L23	N31°41'28"W	273.89'
L24	N49°39'58"W	219.90'
L25	S49°39'58"E	272.10'
L26	S31°41'28"E	292.37'
L27	S87°19'36"E	410.30'
L28	S70°12'29"E	78.33'
L29	S89°47'59"W	43.87'
L30	N70°12'29"W	34.84'
L31	N87°19'37"W	190.40'
L32	N86°44'14"W	14.83'
L33	N87°24'41"W	103.27'
L34	N87°19'37"W	7.58'
L35	N87°19'36"W	99.89'
L36	N31°41'28"W	297.91'
L37	N49°39'58"W	287.76'
L38	S89°25'09"E	23.46'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L39	N40°20'02"E	87.88'
L40	S89°44'24"E	3.46'
L41	S49°35'54"E	89.18'
L42	S31°43'28"E	138.43'
L43	S03°23'53"W	156.70'
L44	N31°41'28"W	252.42'
L45	N49°39'58"W	77.59'
L46	S87°24'41"E	103.27'
L47	S02°40'24"W	100.00'
L48	N87°19'36"W	104.32'
L49	N03°40'39"E	50.80'
L50	N02°51'57"E	29.04'
L51	N02°51'53"E	20.01'
L52	N19°47'31"E	89.76'
L53	S70°12'29"E	163.61'
L54	S10°14'59"E	86.58'
L55	S89°47'59"W	101.56'
L56	N10°14'59"W	23.01'
L57	N70°12'29"W	100.00'

SEE SHEET 1-3 FOR GRAPHICS AND LABELS



LAND OWNER INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

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 <b>Mountain Valley</b> PIPELINE LLC				
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2/11/19	DD		TWK	4 OF 4
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No.	Date	Rev By	Description	Checked

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